

IN THE CLAIMS

1. (currently amended) A communication system, comprising:

a plurality of ~~wireless~~ client terminal devices connected to a network, each and respectively associated with a plurality of identification numbers such that a given one of said plurality of client terminal devices being is assigned to a unique one of the plurality of identification numbers; and

a communication server machine connected to the network and operable to manage, for each one of said plurality of client terminal devices, based on the unique identification numbers, assigned to that client terminal device and user information for specific to a user of each that client terminal device which indicates at least conditions under which each that client terminal device is may be connected to the network, the conditions including at least one transmission rate available to that client terminal device and a type of peripheral device associated with that client terminal device, and

in response to a user of a first one of said plurality of client terminal devices requesting communication using a selected communication application with a user of a second one of said plurality of client terminal devices, said communication server machine being further operable (i) to determine whether the selected a communication application is suitable for both a communication between the first client terminal device and a the second client terminal device based on the first user information for a specific to the user of the first client terminal device and a second user information specific to the user of the second client terminal device, after at least one of the users request communication, and (ii) to make provide a

connection for communication between the first client terminal device and the second client terminal device if the selected communication application is suitable, wherein the conditions include an available transmission bit rate of each client terminal device, and a type of peripheral device associated with each client terminal device.

2. (currently amended) In a communication server machine connected to a network and to a plurality of client terminal devices respectively associated with a plurality of identification numbers such that a given one of the plurality of client terminal devices is assigned to a unique one of the plurality of identification numbers, a communication method, comprising:

managing, for each one of the plurality of client terminal devices, the unique identification number assigned to that client terminal device and user information for specific to a users of wireless—that client terminal devices which indicatesing at least conditions under which the wireless—that client terminal devices are—may be connected to a—the network, the conditions including at least one transmission rate available to that client terminal device and a type of peripheral device associated with that client terminal device based on unique identification numbers assigned to the client terminal devices; and

in response to a user of a first one of said plurality of client terminal devices requesting communication using a selected communication application with a user of a second one of said plurality of client terminal devices,

determining whether the selecteding a communication application is suitable for both—a communication between the first client terminal device and a—the second client terminal device based on the

~~first user information for a specific to the user of the first client terminal device and a second user information specific to the user of the second client terminal device, after at least one of the users request communication, and~~

~~providing making a connection for communication between the first client terminal device and the second client terminal device if the selected communication application is suitable, wherein the conditions include an available transmission bit rate of each client terminal device, and a type of peripheral device associated with each client terminal device.~~

3. (currently amended) A user wireless terminal device ~~connected over a network to a plurality of client terminal devices, each one of said user terminal device and the plurality of client terminal devices being respectively associated with a plurality of identification numbers such that a given one of said user terminal device and the plurality of client terminal devices is assigned a unique one of the plurality of identification numbers, said user terminal device comprising:~~

~~a list storage unit operable to store a list including, at least for each one of said user terminal device and the plurality of client terminal devices, the unique identification numbers assigned to wireless that terminal devices for communication, an addresses of that terminal devices, and conditions for connecting under which that terminal devices may be connected to a the network, the conditions including at least one transmission rate available to that terminal device and a type of peripheral device associated with that terminal device;~~

an application storage unit operable to store a plurality of communication applications ~~for connecting the terminal devices to the network~~; and

a connection controller operable, in response to a user of said user terminal device requesting communication with a user of a particular one of said plurality of client terminal devices, (i) to ~~read out from the~~ locate in said application storage unit at least one of the plurality of communication applications that meets the conditions for connecting ~~both the~~ said user wireless terminal device to the network and the conditions for connecting the particular terminal device of another communication party to the network ~~after a user of the user wireless terminal device requests communication~~, and (ii) to make provide a connection for communication between the said user wireless terminal device and the particular terminal device if the at least one communication application is located ~~of the another communication party~~, wherein the conditions include an available transmission bit rate of each client terminal device, and a type of peripheral device associated with each client terminal device.

4. (currently amended) The user wireless terminal device according to claim 3, wherein the list is stored in the list storage unit after being downloaded from a communication server machine connected with the user wireless terminal device through the network.

5. (currently amended) The user wireless device according to claim 3, wherein at least one of the list storage unit and the application storage unit is selected from the group consisting of a hard disk drive and a memory card.

6. (currently amended) In a user terminal device connected over a network to a plurality of client terminal devices, each one of the user terminal device and the plurality

of client terminal devices being respectively associated with a plurality of identification numbers such that a given one of the user terminal device and the plurality of client terminal devices is assigned with a unique one of the plurality of identification numbers, A-a communication method, comprising:

storing selecting a communication party requested by a user from a list including, at least for each one of the user terminal device and the plurality of client terminal devices, the unique identification numbers assigned to that wireless terminal devices for communication, the addresses of that terminal devices, and conditions for connecting under which that terminal devices may be connected to a the network, the conditions including at least one transmission rate available to that terminal device and a type of peripheral device associated with that terminal device; and

in response to a user of said user terminal device requesting communication with a user of a particular one of said plurality of client terminal devices,

locatingselecting, from a plurality of stored communication applications operable to connect the terminal devices to the network, at least one of the plurality of communication applications that meets the conditions for connecting both a the user terminal device of the user to the network and a the conditions for connecting the particular terminal device of another communication party to the network, and

providing making a connection for communication between the user terminal device of the user and the particular terminal device if the at least one communication application is located of the another communication party, wherein the conditions include an available transmission bit rate of each terminal

~~device, and a type of peripheral device associated with each terminal device.~~

7. (original) The method according to claim 6, wherein the list is downloaded from a communication server machine connected to the network.

8. (original) The method according to claim 6, wherein at least one of the list and the plurality of communication applications is stored in a storage unit selected from the group consisting of a hard disk drive and a memory card.

9. (currently amended) In a communication server machine connected to a network and to a plurality of client terminal devices respectively associated with a plurality of identification numbers such that a given one of the plurality of client terminal devices is assigned to a unique one of the plurality of identification numbers, A computer readable recording medium having recorded thereon a communication methodprogram, the program comprising:

receiving a request from a first user of a given one of the plurality of client terminal devices to start a communication with a second user through wireless of another one of said plurality of client terminal devices of the first and second users;

searching a database storing user information for the first user information of specific to the first user based on a using the unique identification number assigned to the given client terminal device of the first user, the first user information including at least conditions under which each the given client terminal device is may be connected to a the network, the conditions including at least one transmission rate available to the given client terminal device and a type of peripheral device associated with the given client terminal device;

searching the database for the second user information of specific to the second user based on a using the unique identification number assigned to the second client terminal device, the second user information including at least conditions under which the another client terminal device may be connected to the network, the conditions including at least one transmission rate available to the another client terminal device and a type of peripheral device associated with the another client terminal device of the second user;

searching for selecting at least one of a plurality of communication applications that is suitable for both the given client terminal device of the first user and the another client terminal device of the second user based on the first user information of the first and the second users information; and

providing making a connection for communication between the given client terminal device of the first user and the another client terminal device of the second user based on the selected communication application, wherein the conditions include an available transmission bit rate of each client terminal device, and a type of peripheral device associated with each client terminal device.

10. (currently amended) In a user terminal device connected over a network to a plurality of client terminal devices, each one of the user terminal device and the plurality of client terminal devices being respectively associated with a plurality of identification numbers such that a given one of the terminal device and the plurality of client terminal devices is assigned with a unique one of the plurality of identification numbers, A computer readable recording medium having recorded thereon a communication methodprogram, the program comprising:

storing a list including, for each one of the user terminal device and the plurality of client terminal devices, the unique identification number assigned to that terminal device, the addresses of that terminal device, and conditions for connecting that terminal device to the network, the conditions including at least one transmission rate available to that terminal device and a type of peripheral device associated with that terminal device; and receiving a user request to start communication between the user terminal device and a particular one of the plurality of client terminal devices;

selecting from the list, a communication party requested by a user from a list including at least for each one of the user terminal device and the particular client terminal device, the stored unique identification numbers assigned to wireless—that terminal devices for communication, the addresses of the wireless—that terminal devices, and the conditions for connecting the wireless under which that terminal devices may be connected to a—the network, the conditions including at least one transmission rate available to that terminal device and a type of peripheral device associated with that terminal device;

searching for, selecting from a plurality of stored communication applications operable to connect the terminal devices to the network, at least one of a plurality of communication applications that meets the conditions for connecting both a—the user terminal device to the network of the user and a—the conditions for connecting the particular terminal device of another communication party to the network; and

providing making a connection for communication between the user terminal device of the user and the particular terminal device if the at least suitable

~~communication application is located of the another communication party, wherein the conditions include an available transmission bit rate of each terminal device, and a type of peripheral device associated with each terminal device.~~

11. (currently amended) ~~The recording medium communication method according to claim 10, wherein the communication program further comprises~~ downloading the list from a communication server machine connected to the network.

12. (currently amended) ~~The recording medium communication method according to claim 10, wherein the list is stored in a list storage unit selected from the group consisting of a hard disk drive and a memory card, and the plurality of communication applications are stored in a communication application storage unit selected from the group consisting of a hard disk drive and a memory card.~~

13. - 18. (cancelled)

19. (currently amended) A communication system, comprising:

~~a plurality of wireless client terminal devices connected to a network, each and respectively associated with a plurality of identification numbers such that a given one of said plurality of client terminal devices being is assigned to a unique one of the plurality of identification numbers; and~~

~~a communication server machine connected to the network and operable to manage using a database, for each one of said plurality of client terminal devices, based on the unique identification numbers, assigned to that client terminal device and user information for specific to a user of each that client terminal device which indicates at least conditions under which each that client terminal device is may be connected to the network,~~

the conditions including an at least one available transmission bit rate of each available to that client terminal device, and a type of peripheral device associated with one or more of the that client terminal devices, the said communication server machine being further operable (i) to receive a request from a first user of a given one of the plurality of client terminal devices to start communication with a second user of another one of said plurality of client terminal devices, (ii) to search the database for first user information specific to the first user using the unique identification number assigned to the given client terminal device, (iii) to search the database for second user information specific to the second user using the unique identification number assigned to the another client terminal device, (iv) to select search for at least one communication application suitable for both a first the given client terminal device and a second the another client terminal device based on the first user information for a user of the first client terminal device and a the second user information of the second client terminal device, and (vii) to make provide a connection for communication between the first given client terminal device and the second another client terminal device if the at least one suitable communication application is located.

20. (previously presented) The communication system according to claim 1, wherein the type of peripheral device includes at least one of a microphone or a camera.

21. (cancelled)

22. (new) The communication system according to claim 1, wherein said communication server machine is operable to provide the connection for communication between the first client terminal device and the second client terminal device if the type of peripheral device associated with the first client

terminal device is same as the type of peripheral device associated with the second client terminal device.

23. (new) The method according to claim 2, wherein said providing step includes providing the connection for communication between the first client terminal device and the second client terminal device if the type of peripheral device associated with the first client terminal device is same as the type of peripheral device associated with the second client terminal device.

24. (new) The method according to claim 9, wherein said providing step includes providing the connection for communication between the first client terminal device and the second client terminal device if the type of peripheral device associated with the first client terminal device is same as the type of peripheral device associated with the second client terminal device.

25. (new) A computer-readable recording medium having recorded thereon instructions for carrying out a communication method in a communication server machine connected to a network and to a plurality of client terminal devices respectively associated with a plurality of identification numbers such that a given one of the plurality of client terminal devices is assigned to a unique one of the plurality of identification numbers, said communication method comprising:

managing, for each one of the plurality of client terminal devices, the unique identification number assigned to that client terminal device and user information specific to a user of that client terminal device which indicates at least conditions under which that client terminal device may be connected to the network, the conditions including at least one transmission rate available to that client terminal device and a type of

peripheral device associated with that client terminal device; and

in response to a user of a first one of said plurality of client terminal devices requesting communication using a selected communication application with a user of a second one of said plurality of client terminal devices,

determining whether the selected communication application is suitable for communication between the first client terminal device and the second client terminal device based on first user information specific to the user of the first client terminal device and second user information specific to the user of the second client terminal device, and

providing a connection for communication between the first client terminal device and the second client terminal device if the selected communication application is suitable.

26. (new) A computer-readable recording medium having recorded thereon instructions for carrying out a communication method in a user terminal device connected over a network to a plurality of client terminal devices, each one of the user terminal device and the plurality of client terminal devices being respectively associated with a plurality of identification numbers such that a given one of the user terminal device and the plurality of client terminal devices is assigned with a unique one of the plurality of identification numbers, said communication method comprising:

storing a list including, for each one of the user terminal device and the plurality of client terminal devices, the unique identification number assigned to that terminal device, the addresses of that terminal device, and conditions under which that terminal device may be connected to the network, the conditions including at least

one transmission rate available to that terminal device and a type of peripheral device associated with that terminal device; and

in response to a user of said user terminal device requesting communication with a user of a particular one of said plurality of client terminal devices,

locating, from a plurality of stored communication applications, at least one of the plurality of communication applications that meets the conditions for connecting the user terminal device to the network and the conditions for connecting the particular terminal device to the network, and

providing a connection for communication between the user terminal device and the particular terminal device if the at least one communication application is located.

27. (new) A computer-readable recording medium having recorded thereon instructions for carrying out a communication method in a communication server machine connected to a network and to a plurality of client terminal devices respectively associated with a plurality of identification numbers such that a given one of the plurality of client terminal devices is assigned to a unique one of the plurality of identification numbers, said communication method comprising:

receiving a request from a first user of a given one of the plurality of client terminal devices to start communication with a second user of another one of said plurality of client terminal devices;

searching a database for first user information specific to the first user using the unique identification number assigned to the given client terminal device, the first user information including at least conditions under which the given client terminal device may be connected to

the network, the conditions including at least one transmission rate available to the given client terminal device and a type of peripheral device associated with the given client terminal device;

searching the database for second user information specific to the second user using the unique identification number assigned to the second client terminal device, the second user information including at least conditions under which the another client terminal device may be connected to the network, the conditions including at least one transmission rate available to the another client terminal device and a type of peripheral device associated with the another client terminal device;

searching for at least one of a plurality of communication applications that is suitable for both the given client terminal device and the another client terminal device based on the first user information and the second user information; and

providing a connection for communication between the given client terminal device and the another client terminal device.

28. (new) A computer-readable recording medium having recorded thereon instructions for carrying out a communication method in a user terminal device connected over a network to a plurality of client terminal devices, each one of the user terminal device and the plurality of client terminal devices being respectively associated with a plurality of identification numbers such that a given one of the terminal device and the plurality of client terminal devices is assigned with a unique one of the plurality of identification numbers, said communication method comprising:

storing a list including, for each one of the user terminal device and the plurality of client terminal

devices, the unique identification number assigned to that terminal device, the addresses of that terminal device, and conditions for connecting that terminal device to the network, the conditions including at least one transmission rate available to that terminal device and a type of peripheral device associated with that terminal device; and

receiving a user request to start communication between the user terminal device and a particular one of the plurality of client terminal devices;

selecting from the list, for each one of the user terminal device and the particular client terminal device, the stored unique identification number assigned to that terminal device, the address of that terminal device, and the conditions under which that terminal device may be connected to the network, the conditions including at least one transmission rate available to that terminal device and a type of peripheral device associated with that terminal device;

searching for, from a plurality of stored communication applications, at least one of a plurality of communication applications that meets the conditions for connecting the user terminal device to the network and the conditions for connecting the particular terminal device to the network; and

providing a connection for communication between the user terminal device and the particular terminal device if the at least suitable communication application is located.